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* * * * * * * * * Welcome to STN International * * * * * * * * *

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NEWS 2 JAN 02 STN pricing information for 2008 now available
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NEWS 4 JAN 28 USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS 5 JAN 28 MARPAT searching enhanced
NEWS 6 JAN 28 USGENE now provides USPTO sequence data within 3 days of publication
NEWS 7 JAN 28 TOXCENTER enhanced with reloaded MEDLINE segment
NEWS 8 JAN 28 MEDLINE and LMEDLINE reloaded with enhancements
NEWS 9 FEB 08 STN Express, Version 8.3, now available
NEWS 10 FEB 20 PCI now available as a replacement to DPCI
NEWS 11 FEB 25 IFIREF reloaded with enhancements
NEWS 12 FEB 25 IMSPRODUCT reloaded with enhancements
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NEWS 14 MAR 31 IFICDB, IFIPAT, and IFIUDB enhanced with new custom IPC display formats
NEWS 15 MAR 31 CAS REGISTRY enhanced with additional experimental spectra
NEWS 16 MAR 31 CA/CAplus and CASREACT patent number format for U.S. applications updated
NEWS 17 MAR 31 LPCI now available as a replacement to LDPCI
NEWS 18 MAR 31 EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS 19 APR 04 STN AnaVist, Version 1, to be discontinued
NEWS 20 APR 15 WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS 21 APR 28 EMBASE Controlled Term thesaurus enhanced
NEWS 22 APR 28 IMSRESEARCH reloaded with enhancements
NEWS 23 MAY 30 INPAFAMDB now available on STN for patent family searching
NEWS 24 MAY 30 DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS 25 JUN 06 EPFULL enhanced with 260,000 English abstracts
NEWS 26 JUN 06 KOREAPAT updated with 41,000 documents
NEWS 27 JUN 13 USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS 28 JUN 19 CAS REGISTRY includes selected substances from web-based collections
NEWS 29 JUN 25 CA/CAplus and USPAT databases updated with IPC reclassification data
NEWS 30 JUN 30 AEROSPACE enhanced with more than 1 million U.S. patent records
NEWS 31 JUN 30 EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated

NEWS 32 JUN 30 STN on the Web enhanced with new STN AnaVist
Assistant and BLAST plug-in
NEWS 33 JUN 30 STN AnaVist enhanced with database content from EPFULL

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AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

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FILE 'REGISTRY' ENTERED AT 11:44:22 ON 03 JUL 2008
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STRUCTURE FILE UPDATES: 2 JUL 2008 HIGHEST RN 1032450-11-5
DICTIONARY FILE UPDATES: 2 JUL 2008 HIGHEST RN 1032450-11-5

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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stnqgen/stndoc/properties.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10 series\10555061\10555061a.str



chain nodes :

11 12 13 14 16 17 18 32

ring nodes :

1 2 3 4 5 6 7 8 9 10 15 19 20 21 22 23 24 25 26 27 28 29

chain bonds :

8-11 9-12 12-13 12-32 13-14 13-16 14-15 16-17 16-18 18-19

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 15-25 15-29 19-20 19-24
20-21 21-22 22-23 23-24 25-26 26-27 27-28 28-29

exact/norm bonds :

5-7 6-10 7-8 8-9 8-11 9-10 12-13 12-32 13-14 13-16 16-17 16-18 18-19

exact bonds :

9-12 14-15

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 15-25 15-29 19-20 19-24 20-21 21-22 22-23
23-24 25-26 26-27 27-28 28-29

isolated ring systems :

containing 15 : 19 :

G1:H,Cb,Ak

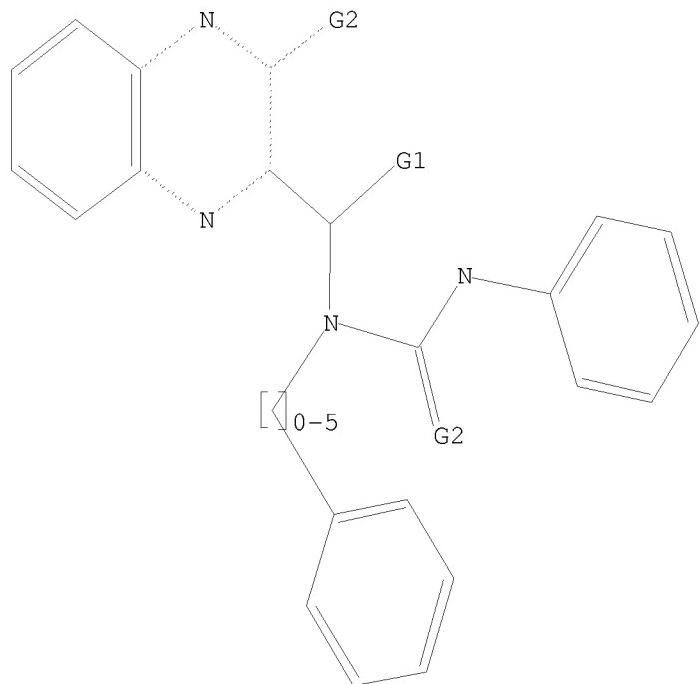
G2:O,S

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:Atom 16:CLASS 17:CLASS 18:CLASS
19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom
28:Atom 29:Atom 32:CLASS

L1 STRUCTURE UPLOADED

=> d 11
L1 HAS NO ANSWERS
L1 STR



G1 H,Cb,Ak

G2 O,S

Structure attributes must be viewed using STN Express query preparation.

=> s 11
SAMPLE SEARCH INITIATED 11:44:56 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 0 TO 0
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s 11 full
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FULL SCREEN SEARCH COMPLETED - 32 TO ITERATE

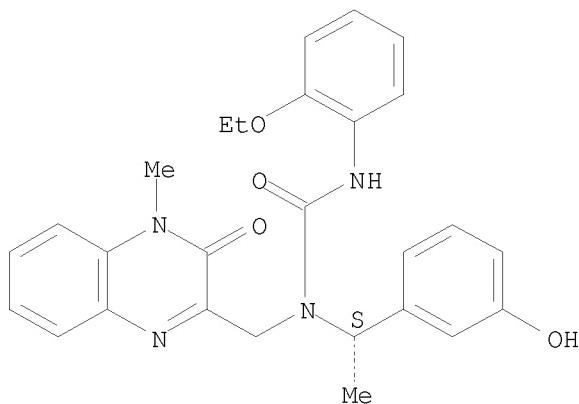
100.0% PROCESSED 32 ITERATIONS 28 ANSWERS
SEARCH TIME: 00.00.01

L3 28 SEA SSS FUL L1

=> d scan

L3 28 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Urea, N-[(3,4-dihydro-4-methyl-3-oxo-2-quinoxalinyl)methyl]-N'-(2-ethoxyphenyl)-N-[(1S)-1-(3-hydroxyphenyl)ethyl]-
MF C27 H28 N4 O4

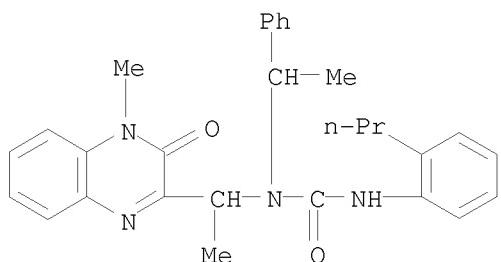
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

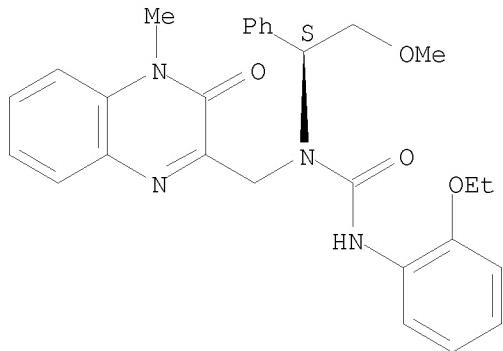
L3 28 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Urea, N-[1-(3,4-dihydro-4-methyl-3-oxo-2-quinoxalinyl)ethyl]-N-(1-phenylethyl)-N'-(2-propylphenyl)-
MF C29 H32 N4 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 28 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Urea, N-[(3,4-dihydro-4-methyl-3-oxo-2-quinoxalinyl)methyl]-N'-(2-ethoxyphenyl)-N-[(1S)-2-methoxy-1-phenylethyl]-
MF C28 H30 N4 O4

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file caplus	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	179.28	179.49

FILE 'CAPLUS' ENTERED AT 11:46:03 ON 03 JUL 2008
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FILE COVERS 1907 - 3 Jul 2008 VOL 149 ISS 1
FILE LAST UPDATED: 2 Jul 2008 (20080702/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

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=> s 13

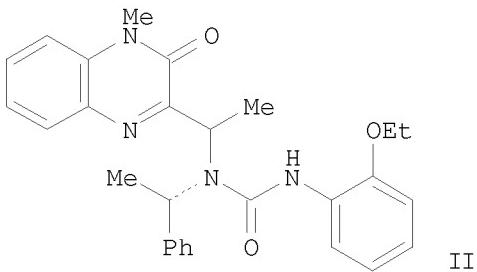
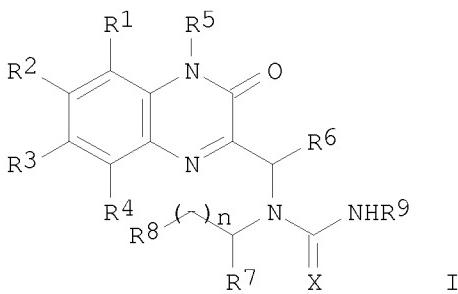
L4

1 L3

=> d 14 ibib abs hitstr

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2004:965230 CAPLUS
DOCUMENT NUMBER: 141:410961
TITLE: Preparation of quinoxalinone derivatives as orexin receptor antagonists
INVENTOR(S): Aissaoui, Hamed; Clozel, Martine; Weller, Thomas;
Koberstein, Ralf; Sifferlen, Thierry
PATENT ASSIGNEE(S): Actelion Pharmaceuticals Ltd., Switz.; Fischli, Walter
SOURCE: PCT Int. Appl., 55 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004096780	A1	20041111	WO 2004-EP4374	20040426
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2520839	A1	20041111	CA 2004-2520839	20040426
EP 1620409	A1	20060201	EP 2004-729421	20040426
EP 1620409	B1	20080109		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
CN 1780820	A	20060531	CN 2004-80011209	20040426
JP 2007523846	T	20070823	JP 2006-505263	20040426
AT 383345	T	20080115	AT 2004-729421	20040426
ES 2297413	T3	20080501	ES 2004-729421	20040426
JP 2006052181	A	20060223	JP 2004-235924	20040813
US 20070027157	A1	20070201	US 2005-555061	20051028
PRIORITY APPLN. INFO.:			WO 2003-EP4491	A 20030428
			WO 2004-EP4374	W 20040426
OTHER SOURCE(S):	MARPAT	141:410961		
GI				



AB Title compds. represented by the formula I [wherein R1-R4 = independently cyano, halo, OH, alkyl, etc.; R5 = H, (cyclo)alkyl, alkenyl, etc.; R6 = H, (cyclo)alkyl, cycloalkylalkyl; R7 = H, alkyl, alkenyl, (un)substituted Ph, etc.; R8 = (un)substituted Ph or pyridinyl; R9 = (cyclo)alkyl, alkenyl, cycloalkylalkyl, (un)substituted phenylalkyl, etc; X = O, NH, N-CH; n = 0-3; and their optically pure or mixture of enantiomers/diastereoisomers, pharmaceutically acceptable salts thereof] were prepared as orexin (OX) receptor antagonists. For example, II was given in a multi-step synthesis starting from the reaction of N-methyl-1,2-phenylenediamine with pyruvic acid. I showed an average antagonistic activity of OX1 and OX2 receptor with IC₅₀ values of 1 nM to 100 nM. Thus, I and their pharmaceutical compns. are useful as orexin receptor antagonists for the treatment of disorders which are associated with the role of orexin, comprising eating disorders and sleep disorders, cardiovascular disorders, cancer, pain, depression, schizophrenia or neurodegenerative disorders (no data).

IT 791068-12-7P 791068-13-8P 791068-14-9P

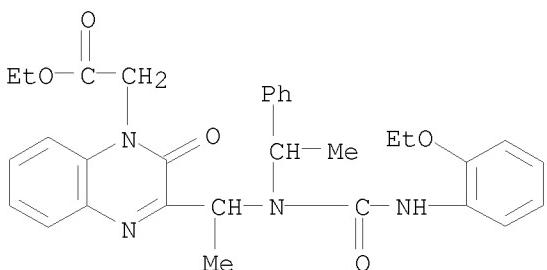
791068-15-0P 791068-16-1P 791068-17-2P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

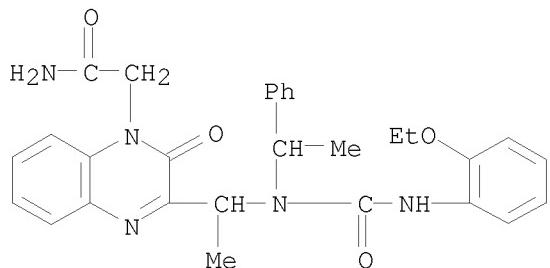
(preparation of quinoxalinone derivs. as orexin receptor antagonists)

RN 791068-12-7 CAPLUS

CN 1(2H)-Quinoxalineacetic acid, 3-[1-[(2-ethoxyphenyl)amino]carbonyl](1-phenylethyl)amino]ethyl]-2-oxo-, ethyl ester (CA INDEX NAME)

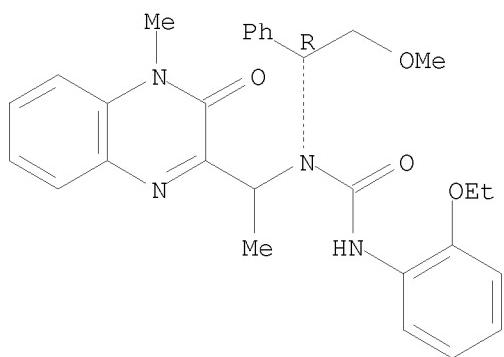


RN 791068-13-8 CAPLUS
CN 1(2H)-Quinoxalineacetamide, 3-[1-[[[(2-ethoxyphenyl)amino]carbonyl](1-phenylethyl)amino]ethyl]-2-oxo- (CA INDEX NAME)



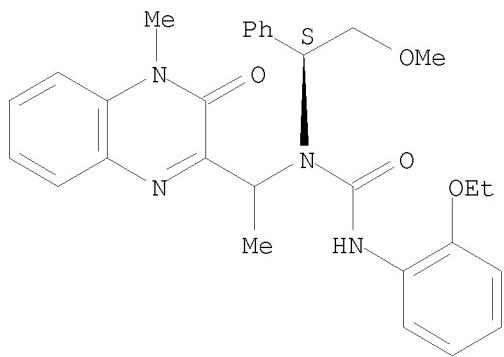
RN 791068-14-9 CAPLUS
CN Urea, N-[1-(3,4-dihydro-4-methyl-3-oxo-2-quinoxalinyl)ethyl]-N'-(2-ethoxyphenyl)-N-[(1R)-2-methoxy-1-phenylethyl]- (CA INDEX NAME)

Absolute stereochemistry.



RN 791068-15-0 CAPLUS
CN Urea, N-[1-(3,4-dihydro-4-methyl-3-oxo-2-quinoxalinyl)ethyl]-N'-(2-ethoxyphenyl)-N-[(1S)-2-methoxy-1-phenylethyl]- (CA INDEX NAME)

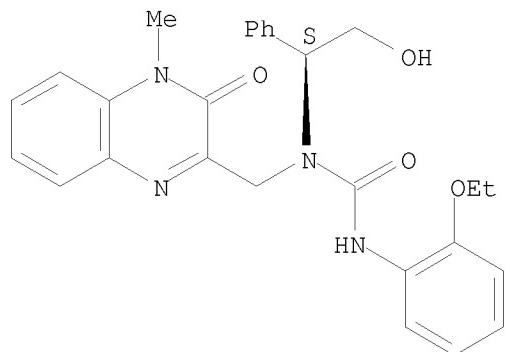
Absolute stereochemistry.



RN 791068-16-1 CAPLUS
CN Urea, N-[(3,4-dihydro-4-methyl-3-oxo-2-quinoxalinyl)methyl]-N'-(2-

ethoxyphenyl)-N-[(1S)-2-hydroxy-1-phenylethyl]- (CA INDEX NAME)

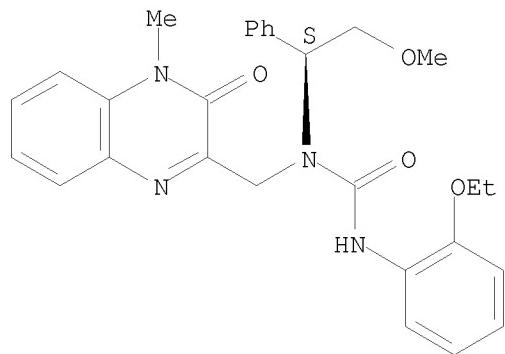
Absolute stereochemistry.



RN 791068-17-2 CAPLUS

CN Urea, N-[(3,4-dihydro-4-methyl-3-oxo-2-quinoxalinyl)methyl]-N'-(2-ethoxyphenyl)-N-[(1S)-2-methoxy-1-phenylethyl]- (CA INDEX NAME)

Absolute stereochemistry.



IT 791068-03-6P 791068-04-7P 791068-05-8P

791068-06-9P 791068-07-0P 791068-08-1P

791068-09-2P 791068-11-6P 791068-18-3P

791068-19-4P 791068-20-7P 791068-21-8P

791068-23-0P 791068-24-1P 791068-25-2P

791068-26-3P

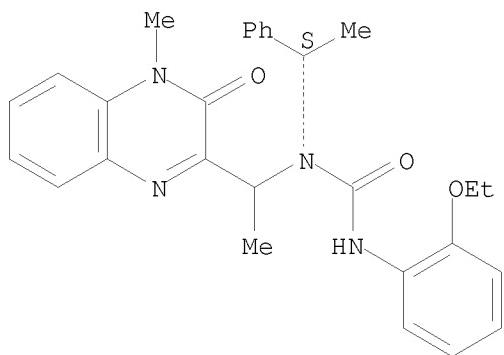
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of quinoxalinone derivs. as orexin receptor antagonists)

RN 791068-03-6 CAPLUS

CN Urea, N-[(3,4-dihydro-4-methyl-3-oxo-2-quinoxalinyl)ethyl]-N'-(2-ethoxyphenyl)-N-[(1S)-1-phenylethyl]- (CA INDEX NAME)

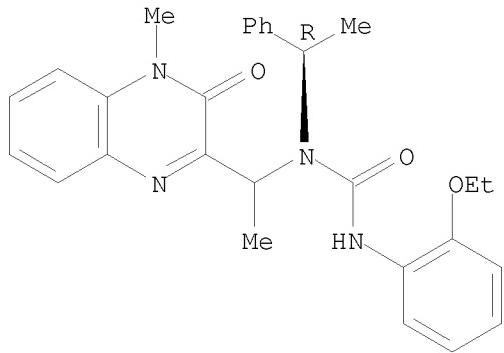
Absolute stereochemistry.



RN 791068-04-7 CAPLUS

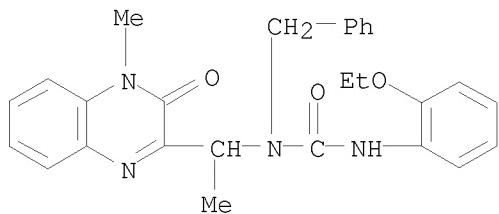
CN Urea, N-[1-(3,4-dihydro-4-methyl-3-oxo-2-quinoxalinyl)ethyl]-N'-(2-ethoxyphenyl)-N-[(1R)-1-phenylethyl]- (CA INDEX NAME)

Absolute stereochemistry.



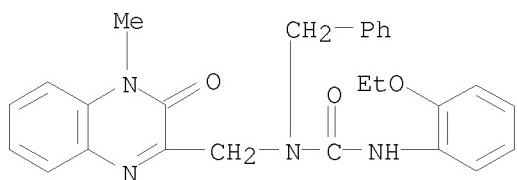
RN 791068-05-8 CAPLUS

CN Urea, N-[1-(3,4-dihydro-4-methyl-3-oxo-2-quinoxalinyl)ethyl]-N'-(2-ethoxyphenyl)-N-(phenylmethyl)- (CA INDEX NAME)



RN 791068-06-9 CAPLUS

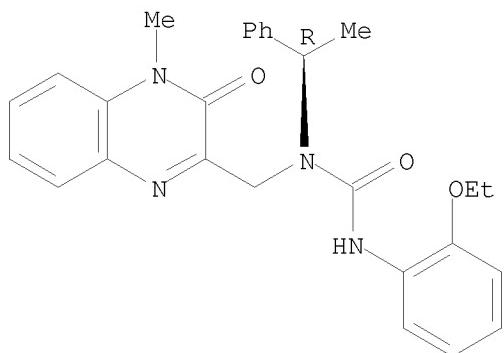
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RN 791068-07-0 CAPLUS

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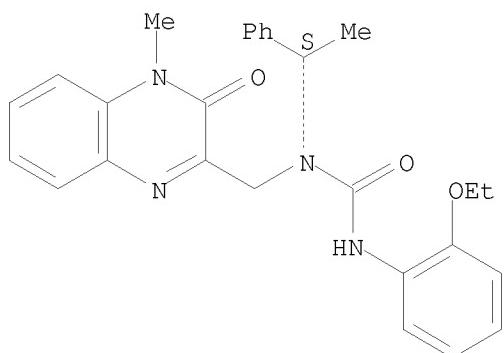
Absolute stereochemistry.



RN 791068-08-1 CAPLUS

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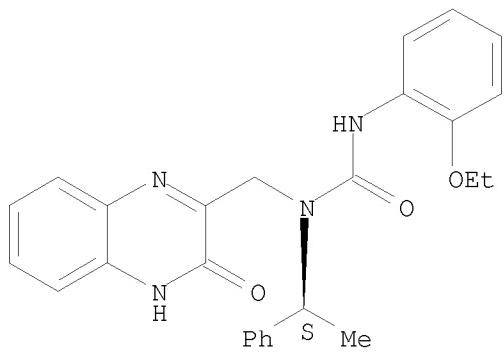
Absolute stereochemistry.



RN 791068-09-2 CAPLUS

CN Urea, N-[(3,4-dihydro-3-oxo-2-quinoxalinyl)methyl]-N'-(2-ethoxyphenyl)-N-[(1S)-1-phenylethyl]- (CA INDEX NAME)

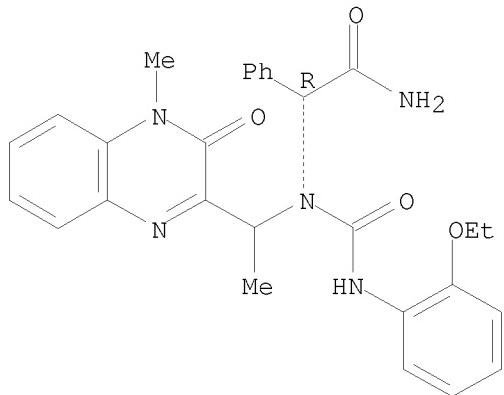
Absolute stereochemistry.



RN 791068-11-6 CAPLUS

CN Benzeneacetamide, α -[[1-[(3,4-dihydro-4-methyl-3-oxo-2-quinoxalinyl)ethyl][[(2-ethoxyphenyl)amino]carbonyl]amino]-, (αR)-(CA INDEX NAME)

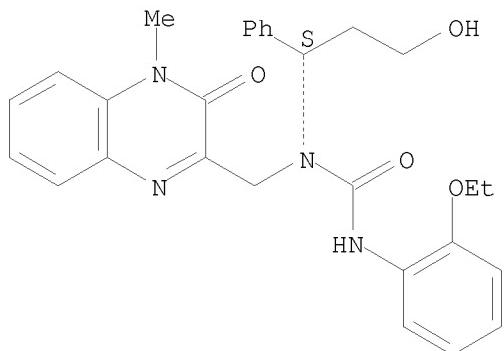
Absolute stereochemistry.



RN 791068-18-3 CAPLUS

CN Urea, N-[(3,4-dihydro-4-methyl-3-oxo-2-quinoxalinyl)methyl]-N'-(2-ethoxyphenyl)-N-[(1S)-3-hydroxy-1-phenylpropyl]- (CA INDEX NAME)

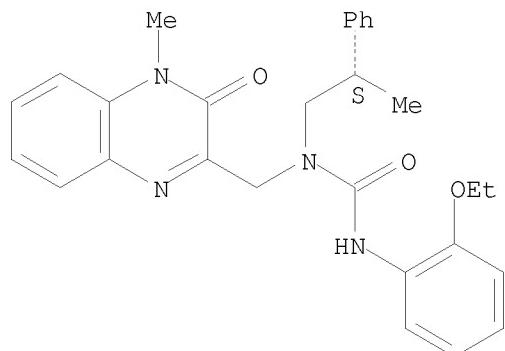
Absolute stereochemistry.



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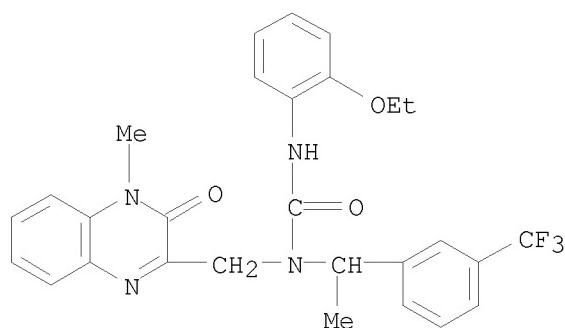
CN Urea, N-[(3,4-dihydro-4-methyl-3-oxo-2-quinoxalinyl)methyl]-N'-(2-ethoxyphenyl)-N-[(2S)-2-phenylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.



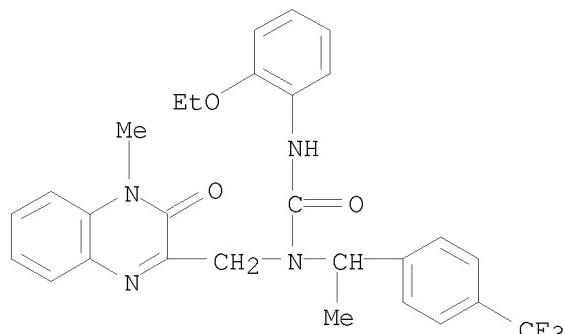
RN 791068-20-7 CAPLUS

CN Urea, N-[(3,4-dihydro-4-methyl-3-oxo-2-quinoxalinyl)methyl]-N'-(2-ethoxyphenyl)-N-[1-[3-(trifluoromethyl)phenyl]ethyl]- (CA INDEX NAME)



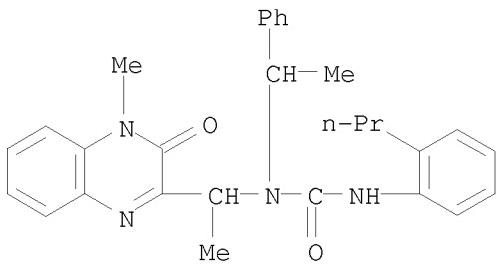
RN 791068-21-8 CAPLUS

CN Urea, N-[(3,4-dihydro-4-methyl-3-oxo-2-quinoxalinyl)methyl]-N'-(2-ethoxyphenyl)-N-[1-[4-(trifluoromethyl)phenyl]ethyl]- (CA INDEX NAME)



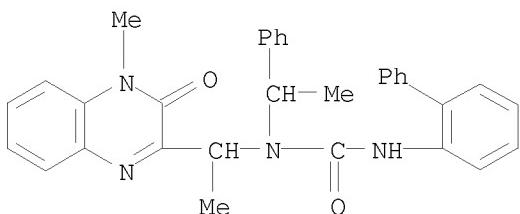
RN 791068-23-0 CAPLUS

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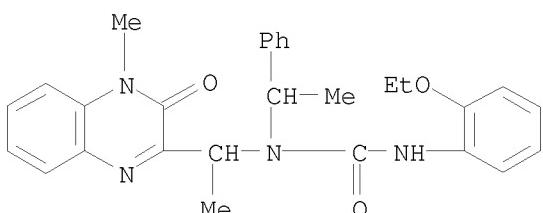
RN 791068-24-1 CAPLUS

CN Urea, N'-[1,1'-biphenyl]-2-yl-N-[1-(3,4-dihydro-4-methyl-3-oxo-2-quinoxalinyl)ethyl]-N-(1-phenylethyl)- (CA INDEX NAME)



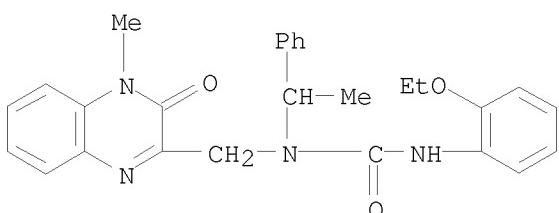
RN 791068-25-2 CAPLUS

CN Urea, N-[1-(3,4-dihydro-4-methyl-3-oxo-2-quinoxalinyl)ethyl]-N'-(2-ethoxyphenyl)-N-(1-phenylethyl)- (CA INDEX NAME)



RN 791068-26-3 CAPLUS

CN Urea, N-[(3,4-dihydro-4-methyl-3-oxo-2-quinoxalinyl)methyl]-N'-(2-ethoxyphenyl)-N-(1-phenylethyl)- (CA INDEX NAME)



REFERENCE COUNT:

5

THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.80	-0.80

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FULL ESTIMATED COST	6.41	185.90
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.80	-0.80

=> file registry

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	6.41	185.90
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STRUCTURE FILE UPDATES: 2 JUL 2008 HIGHEST RN 1032450-11-5
 DICTIONARY FILE UPDATES: 2 JUL 2008 HIGHEST RN 1032450-11-5

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TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

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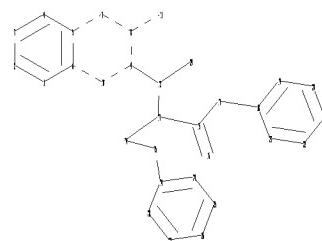
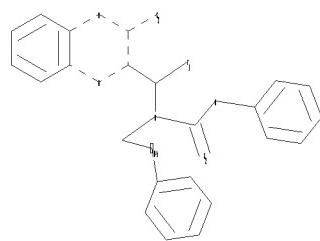
REGISTRY includes numerically searchable data for experimental and

predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10 series\10555061\10555061b.str



chain nodes :

11 12 13 15 16 17 29 34 35

ring nodes :

1 2 3 4 5 6 7 8 9 10 14 18 19 20 21 22 23 24 25 26 27 28

chain bonds :

8-11 9-12 12-13 12-29 13-15 13-34 14-35 15-16 15-17 17-18 34-35

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 8-9 9-10 14-28 14-24 18-19 18-23
19-20 20-21 21-22 22-23 24-25 25-26 26-27 27-28

exact/norm bonds :

5-7 6-10 7-8 8-9 8-11 9-10 12-13 12-29 13-15 13-34 15-16 15-17 17-18

exact bonds :

9-12 14-35 34-35

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 14-28 14-24 18-19 18-23 19-20 20-21 21-22
22-23 24-25 25-26 26-27 27-28
isolated ring systems :
containing 14 : 18 :

G1:H,Cb,Ak

G2:O,S

Match level :

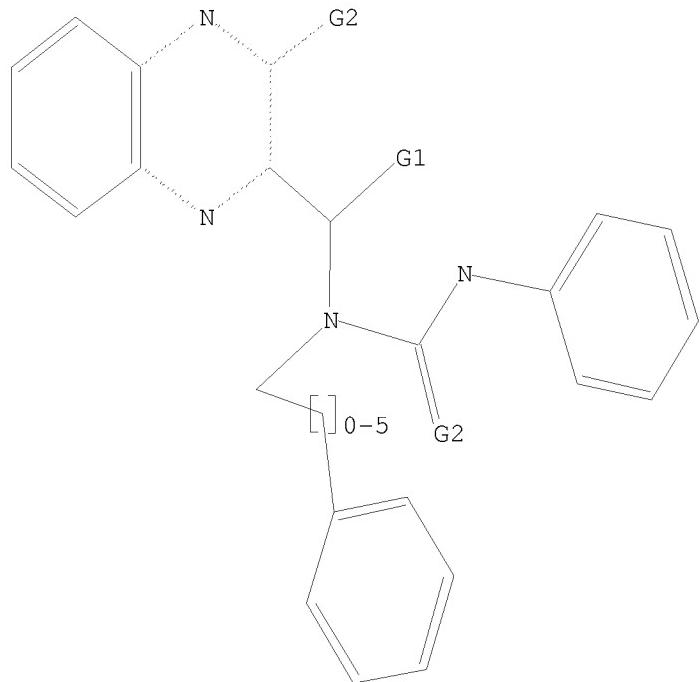
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11:CLASS 12:CLASS 13:CLASS 14:Atom 15:CLASS 16:CLASS 17:CLASS 18:Atom
19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom
28:Atom 29:CLASS 34:CLASS 35:CLASS

L5 STRUCTURE UPLOADED

=> d 15

L5 HAS NO ANSWERS

L5 STR



G1 H,Cb,Ak

G2 O,S

Structure attributes must be viewed using STN Express query preparation.

=> s 15

SAMPLE SEARCH INITIATED 11:50:00 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED

0 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 0 TO 0
PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS SAM L5

=> s 15 full
FULL SEARCH INITIATED 11:50:04 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 29 TO ITERATE

100.0% PROCESSED 29 ITERATIONS 28 ANSWERS
SEARCH TIME: 00.00.01

L7 28 SEA SSS FUL L5

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COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 178.36 364.26

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FILE COVERS 1907 - 3 Jul 2008 VOL 149 ISS 1
FILE LAST UPDATED: 2 Jul 2008 (20080702/ED)

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=> s 17
L8 1 L7

=> d 18

L8 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2004:965230 CAPLUS
DN 141:410961

TI Preparation of quinoxalinone derivatives as orexin receptor antagonists
 IN Aissaoui, Hamed; Clozel, Martine; Weller, Thomas; Koberstein, Ralf;
 Sifferlen, Thierry
 PA Actelion Pharmaceuticals Ltd., Switz.; Fischli, Walter
 SO PCT Int. Appl., 55 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004096780	A1	20041111	WO 2004-EP4374	20040426
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2520839	A1	20041111	CA 2004-2520839	20040426
	EP 1620409	A1	20060201	EP 2004-729421	20040426
	EP 1620409	B1	20080109		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
	CN 1780820	A	20060531	CN 2004-80011209	20040426
	JP 2007523846	T	20070823	JP 2006-505263	20040426
	AT 383345	T	20080115	AT 2004-729421	20040426
	ES 2297413	T3	20080501	ES 2004-729421	20040426
	JP 2006052181	A	20060223	JP 2004-235924	20040813
	US 20070027157	A1	20070201	US 2005-555061	20051028
PRAI	WO 2003-EP4491	A	20030428		
	WO 2004-EP4374	W	20040426		

OS MARPAT 141:410961

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COST IN U.S. DOLLARS

FULL ESTIMATED COST

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CA SUBSCRIBER PRICE

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SINCE FILE ENTRY	TOTAL SESSION
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